

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method, performed on a computing device, of designing and building an e-business system, the method comprising:

displaying a plurality of domains on a display to a user, each said domain identifying a functional area to consider when designing the e-business system, and comprising a list of one or more patterns that identify hardware and software components associated with the domain;

~~identifying one or more domains, each said domain identifying a functional area to consider when designing the e-business system, and comprising a list of one or more patterns that identify hardware and software components associated with the domain from the plurality of domains being displayed to the user;~~

generating an intermediate set of patterns having selected patterns from said one or more domains; ~~and~~

combining patterns in said intermediate set of patterns to produce a multi-domain pattern, said multi-domain pattern defining one or more hardware and software components for one or more of the domains of said e-business system; and
displaying said multi-domain pattern to the user on the display.

2. (Currently Amended) The method of claim 1 wherein said selected patterns are selected according to a first set of one or more criterions.

3. (Currently Amended) The method of claim 2 further comprising progressively refining said intermediate set of patterns according to a second set of one or more criterions.

4. (Currently Amended) The method of claim 3 wherein said second set of one or more criterions is narrower than said first set of one or more criterions.
5. (Original) The method of claim 1 wherein one of said domains comprises a security domain.
6. (Original) The method of claim 1 wherein one of said domains comprises a functional domain.
7. (Original) The method of claim 1 wherein one of said domains comprises a performance domain.
8. (Original) The method of claim 1 wherein said one or more patterns having domain specific information comprise business security patterns.
9. (Original) The method of claim 1 wherein said one or more patterns having domain specific information comprise eBusiness patterns.
10. (Original) The method of claim 1 further comprising storing said intermediate set of patterns in a database.
11. (Original) The method of claim 1 further comprising implementing said e-business system according to said multi-domain pattern.
12. (Original) The method of claim 1 wherein said multi-domain pattern defines one or more hardware components in said e-business system.

13. (Original) The method of claim 1 wherein said multi-domain pattern defines one or more software components in said e-business system.

14. (Currently Amended) A method, performed on a computing device, of designing and building an e-business system, the method comprising:

identifying a plurality of domains from domains being displayed on a display to a user, each said domain identifying a functional area to consider when designing the e-business system, and comprising a list of one or more patterns that identify hardware and software components associated with the domain;

selecting a first set of patterns from one or more said domains based on a first set of one or more criterions;

selecting a second set of patterns from said first set of patterns based on a second set of one or more criterions, said second set of one or more criterions being narrower in scope than said first set of one or more criterions; and

generating a multi-domain pattern based on said second set of patterns, said multi-domain pattern defining one or more hardware and software components for one or more of the domains of said e-business system; and

displaying said multi-domain pattern to the user on the display.

15. (Currently Amended) The method of claim 14 wherein one of said first and second sets of one or more criterions comprises one or more criterions representative of a customer's requirements.

16. (Currently Amended) The method of claim 14 wherein one of said first and second sets of one or more criterions comprises one or more criterions representative of industry regulations.

17. (Currently Amended) The method of claim 14 comprising storing said first and second sets of one or more criterions in a database.

18. (Original) The method of claim 17 further comprising storing said first and second sets of patterns in said database after said first and second sets of patterns are selected.

19. (Original) The method of claim 14 wherein selecting a first set of patterns from one or more said domains comprises displaying potential conflicts between said patterns in said first set of patterns.

20. (Original) The method of claim 14 wherein generating said multi-domain pattern comprises combining said second set of patterns.

21. (Original) The method of claim 20 wherein combining said second set of patterns comprises associating components of said second set of patterns in a file stored in a database.

22. (Original) The method of claim 14 further comprising implementing said e-business system according to said multi-domain pattern.

23. (Currently Amended) A system for designing and building an e-business system

comprising:

a server;

a database communicatively linked to said server; and

a controller communicatively linked to said server and said database, said controller

adapted to:

display one or more domains to a user, wherein each said domain identifies a functional area to consider when designing the e-business system, and includes a list of one or more patterns that identify hardware and software components associated with the domain;

generate an intermediate set of patterns having selected patterns from said one or more domains according to a predetermined set of one or more criterions; and

combine patterns in said intermediate set of patterns to produce a multi-domain pattern that defines one or more hardware and software components for one or more of the domains of the e-business system; and

display said multi-domain pattern to the user.

24. (Original) The system of claim 23 further comprising a workstation communicatively linked to said server and said database.

25. (Original) The system of claim 23 wherein said controller is further adapted to display potential conflicts between said selected patterns.

26. (Currently Amended) The system of claim 23 wherein said controller is further adapted to store said predetermined set of one or more criterions in said database.

27. (Original) The system of claim 23 wherein said controller is further adapted to store said intermediate set of patterns in said database.

28. (Currently Amended) A controller for a computing device, the controller configured to:
display one or more domains to a user, wherein each said domain identifies a functional area to consider when designing an e-business system, and includes one or more patterns that identify hardware and software components associated with the domain;
generate an intermediate set of patterns having selected patterns from said one or more domains according to a first set of one or more criterions; and
combine patterns in said intermediate set of patterns to produce a multi-domain pattern that defines one or more hardware and software components for one or more of the domains of the e-business system; and
display said multi-domain pattern to the user.

29. (Currently Amended) The controller of claim 28 wherein said controller is further adapted to progressively refine said intermediate set of patterns according to a second set of one or more criterions, said second set of one or more criterions being narrower than said first set of one or more criterions.

30. (Cancelled).